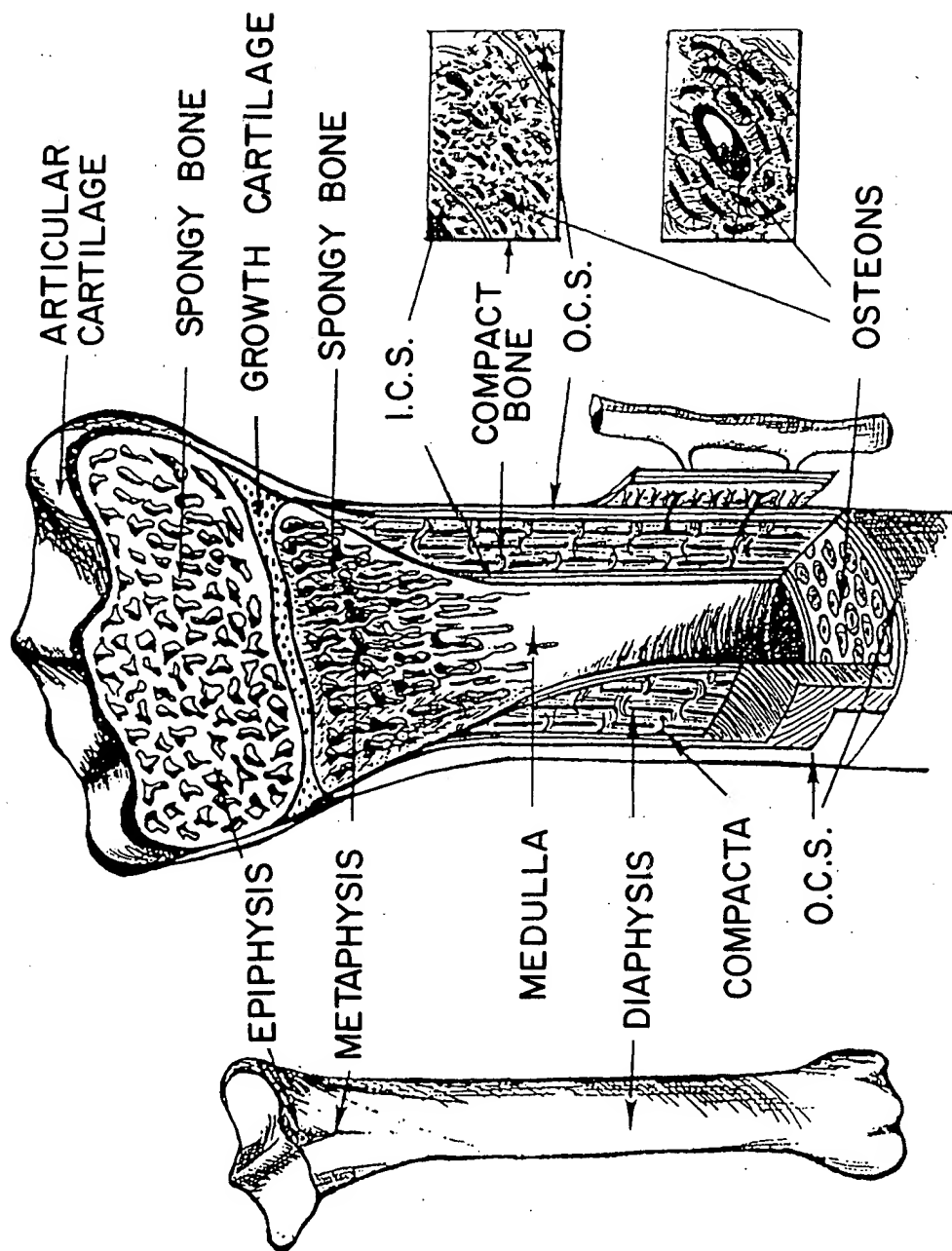


FIG. 1





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FIG. 2A

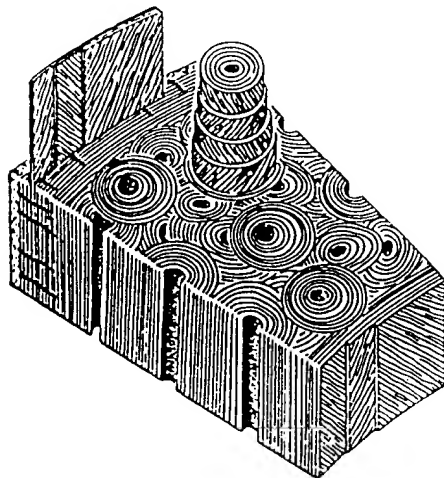


FIG. 2B

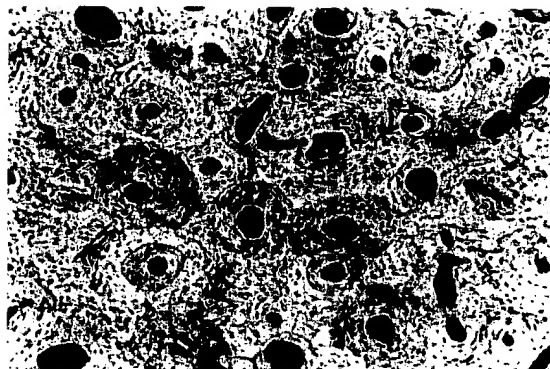


FIG. 2C

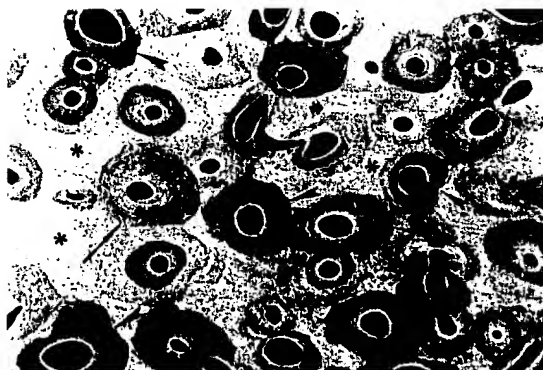
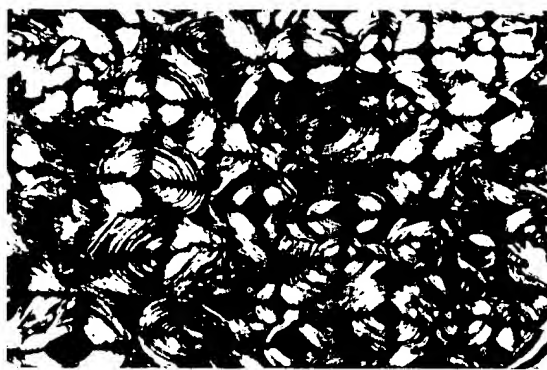


FIG. 2D



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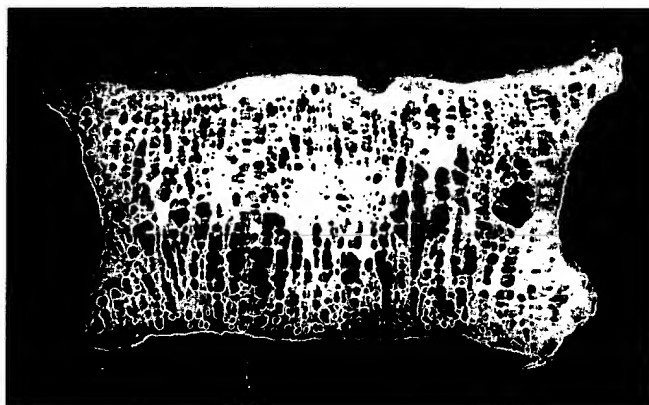


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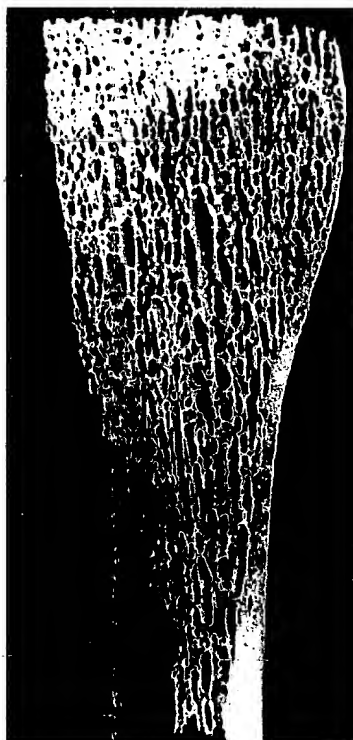
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**FIG. 3A**



**FIG. 3B**



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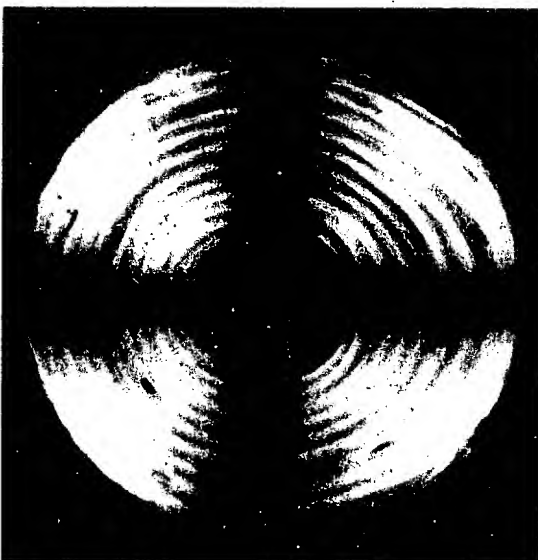
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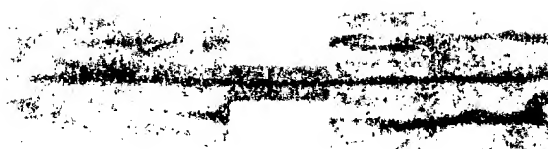
**FIG. 4A**



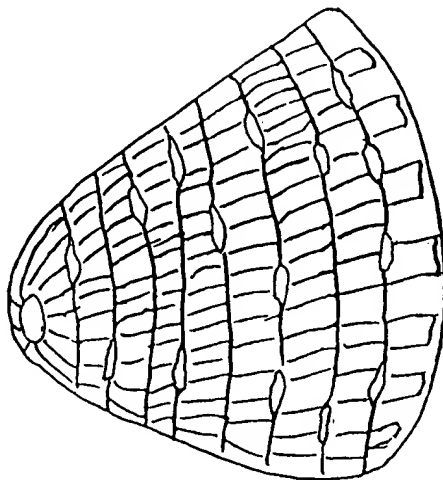
**FIG. 4B**



**FIG. 4C**

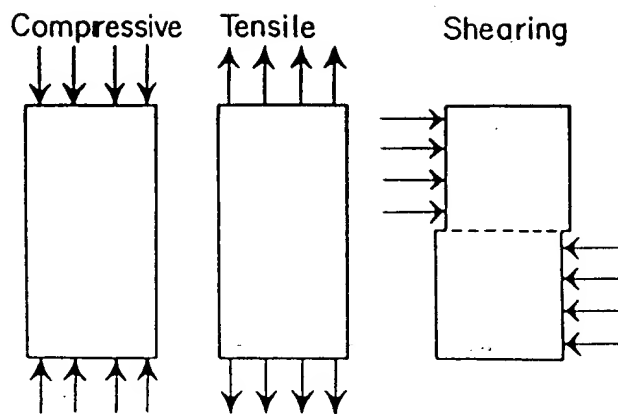


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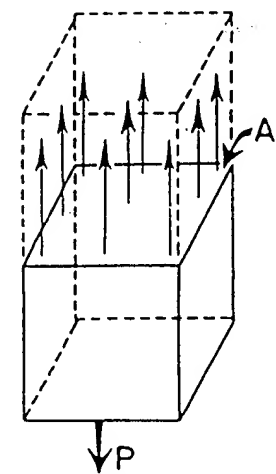


**FIG. 5**

**FIG. 6A**

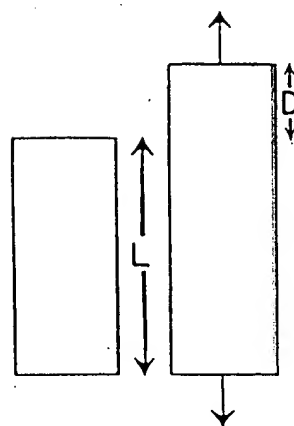


**FIG. 6B**



$$\text{Stress} = \frac{\text{Force (P)}}{\text{Area (A)}} \quad (S)$$

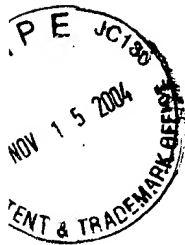
**FIG. 6C**



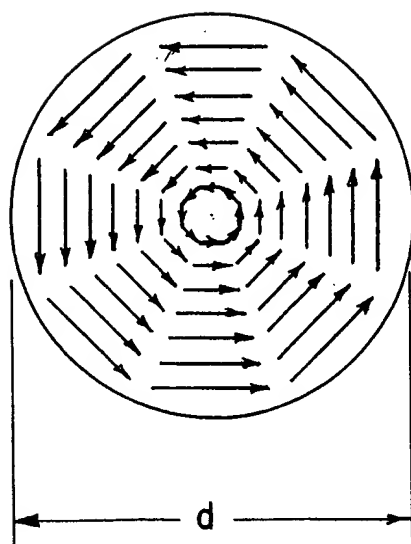
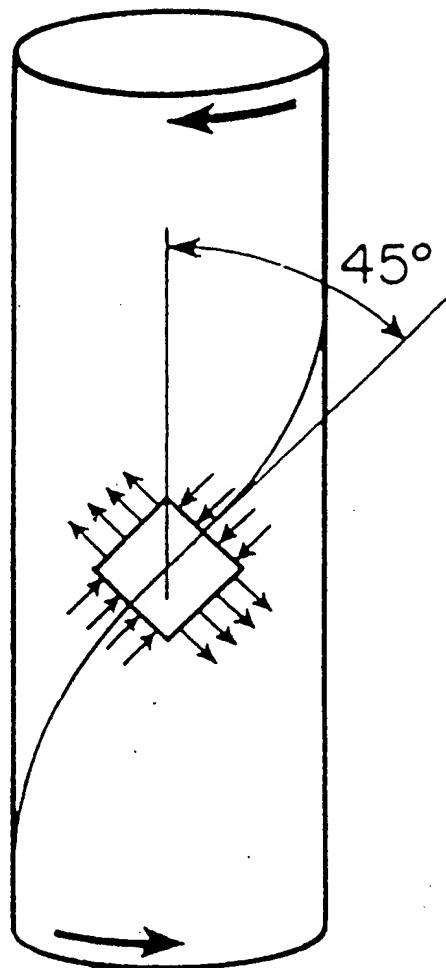
$$\text{Strain} = \frac{\text{Deformation (D)}}{\text{Length (L)}} \quad (e)$$

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**FIG. 7A**



**FIG. 7B**

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FIG. 8A

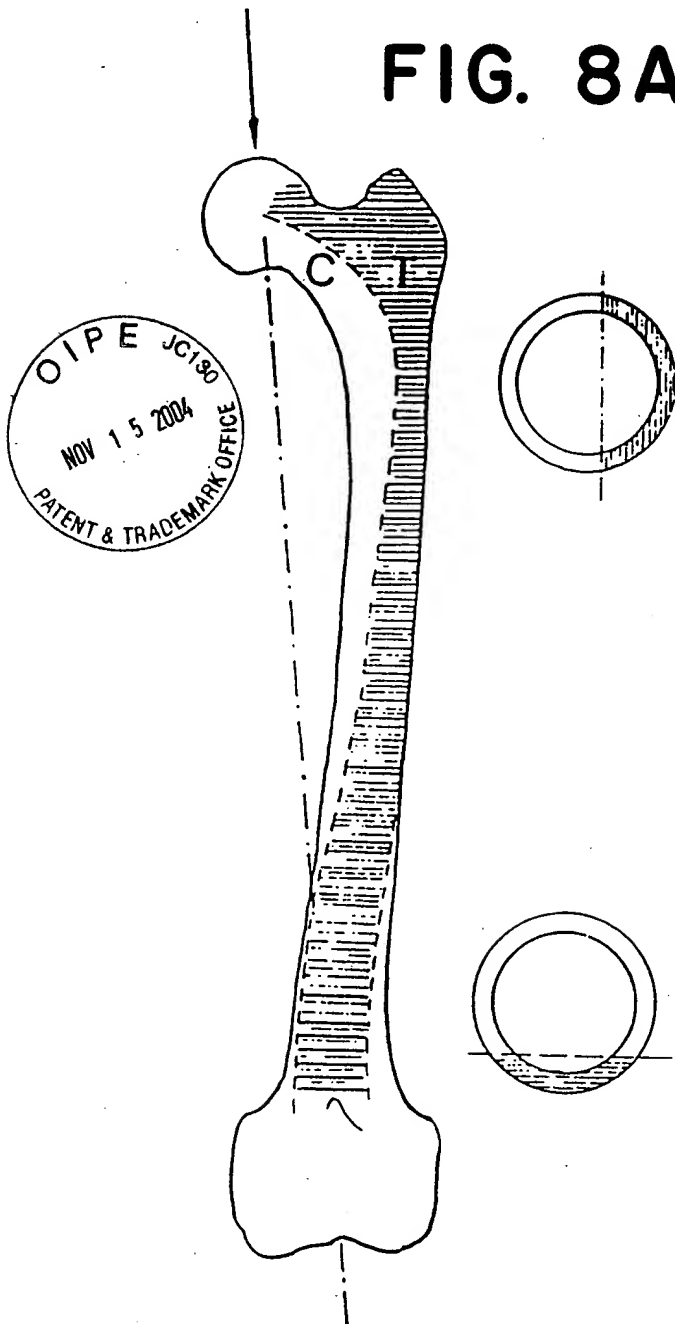


FIG. 8B

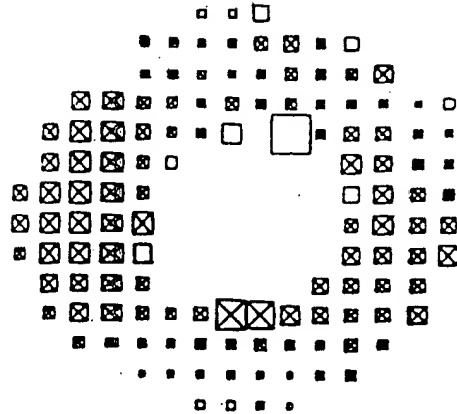


FIG. 8C

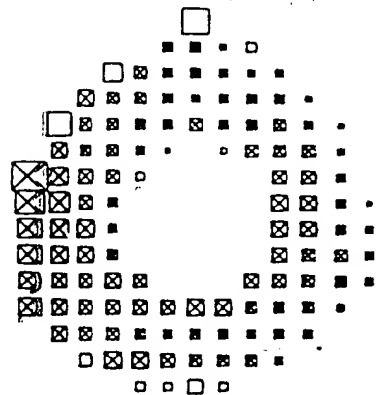
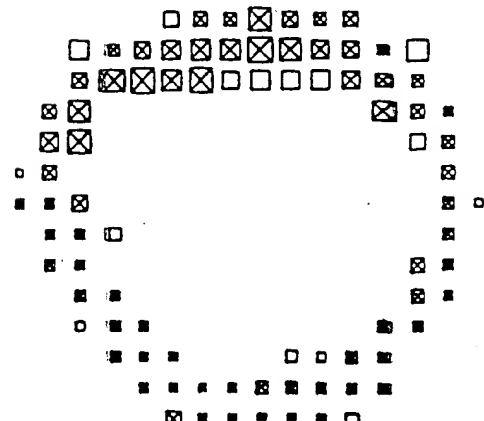


FIG. 8D



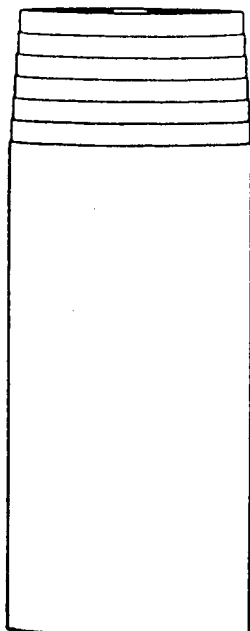


FIG. 9A

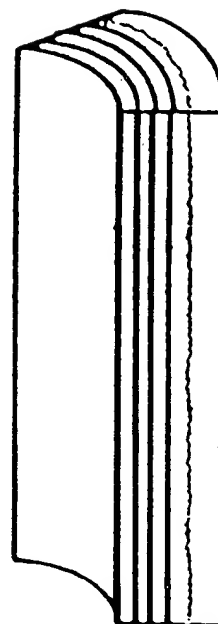


FIG. 9B

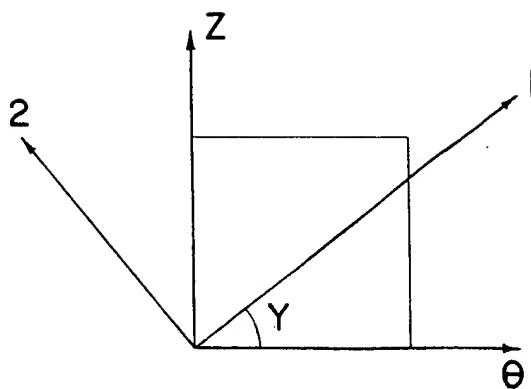


FIG. 9C



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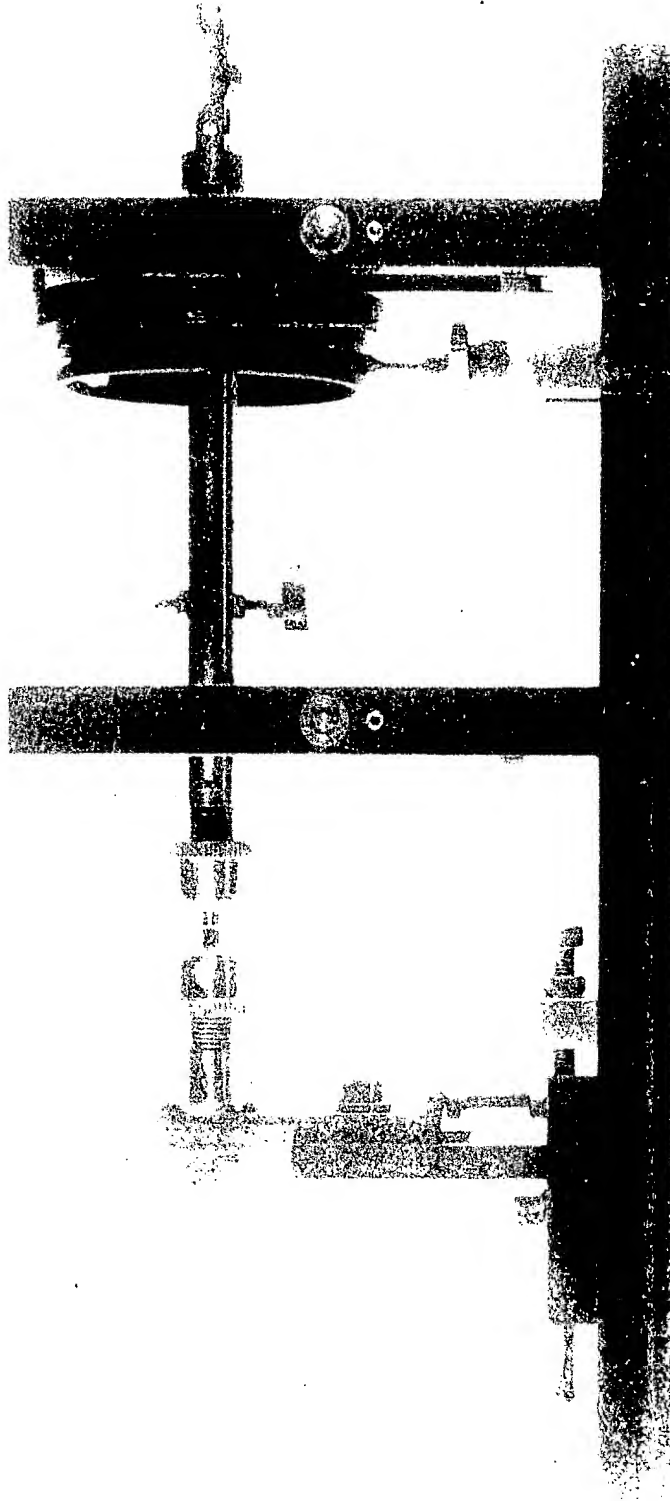
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FIG. 10



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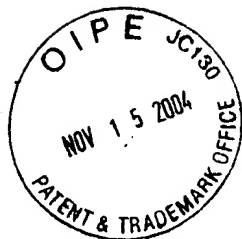
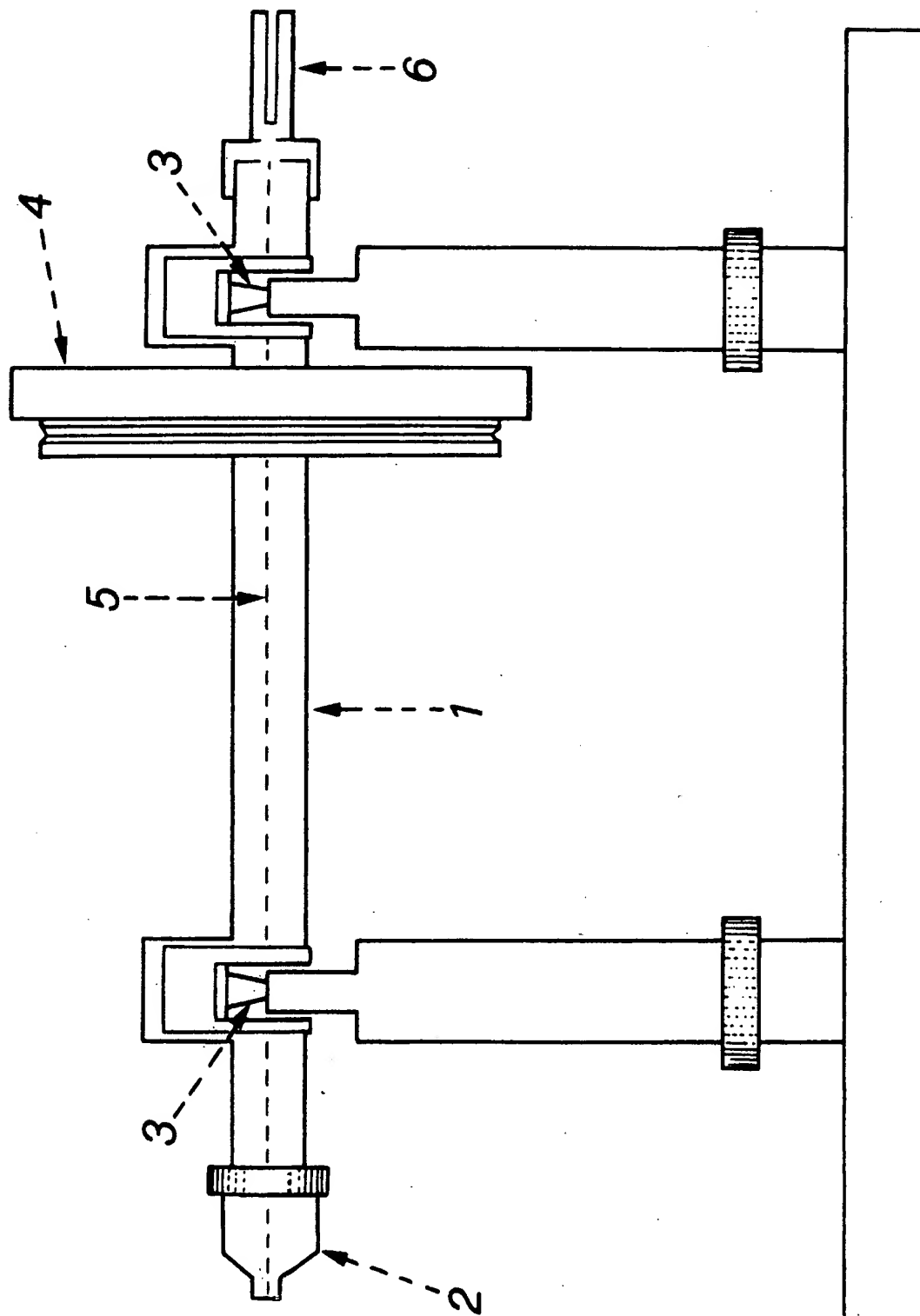
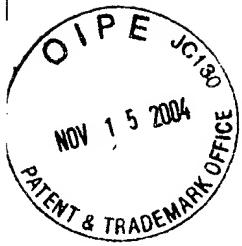


FIG. 11





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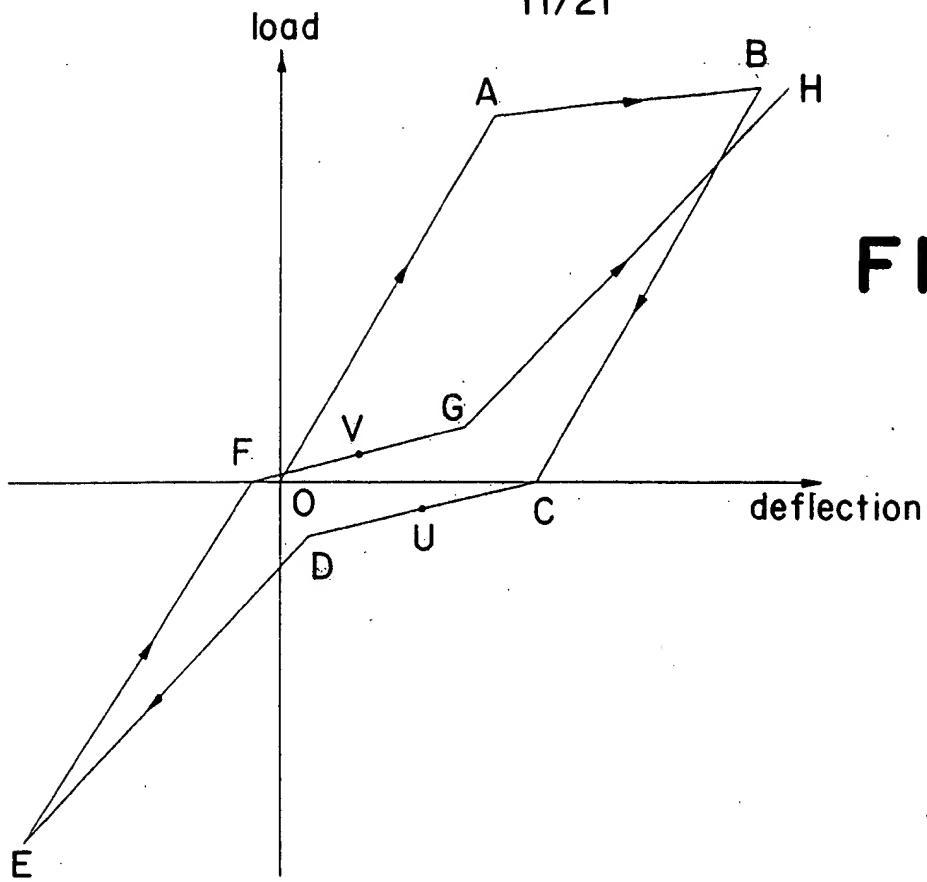


FIG. 12A

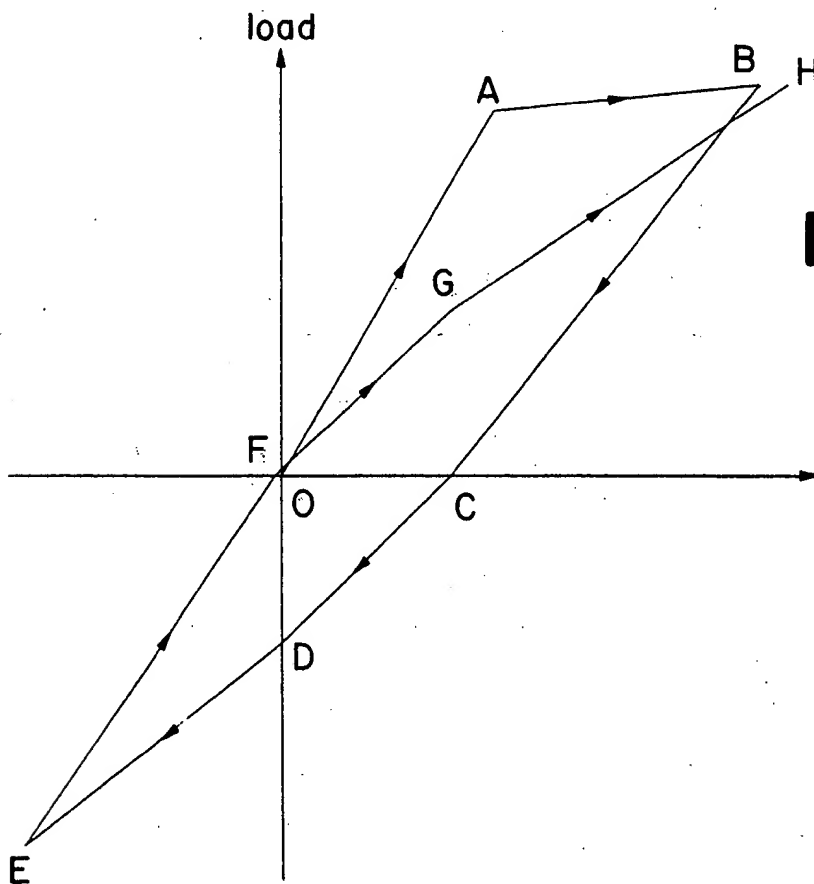
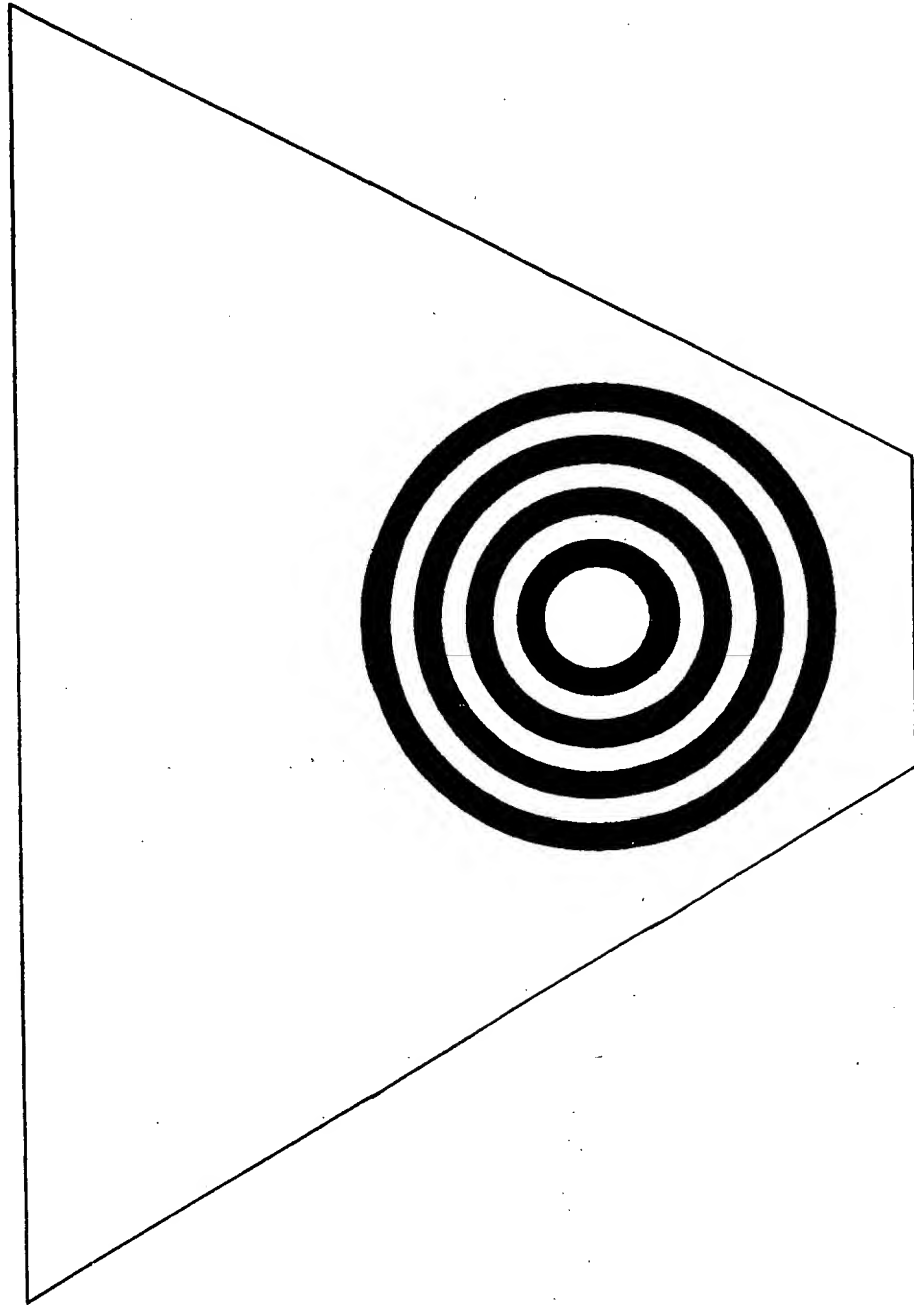


FIG. 12B

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FIG. 13



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**FIG. 14**



**FIG. 15**



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**FIG. 16**



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**FIG. 17**

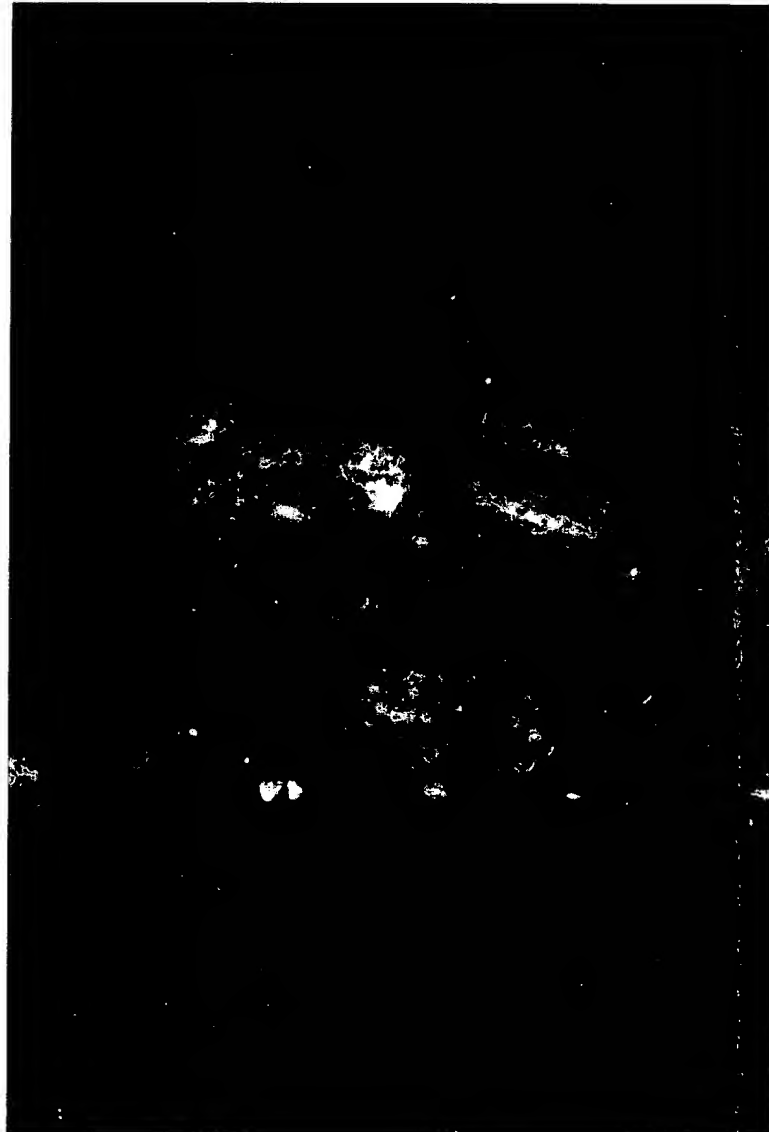


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FIG. 18



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FIG. 19



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**FIG. 20A**



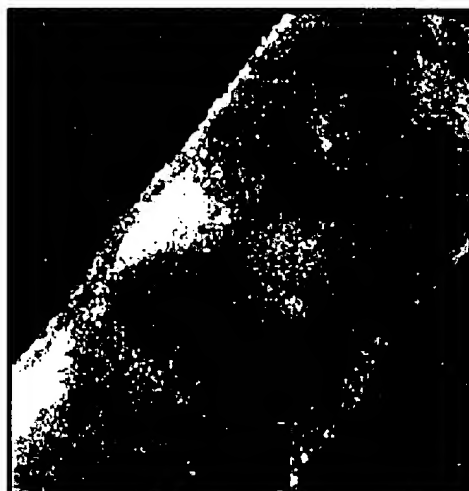
**FIG. 20B**



**FIG. 20C**



**FIG. 20D**



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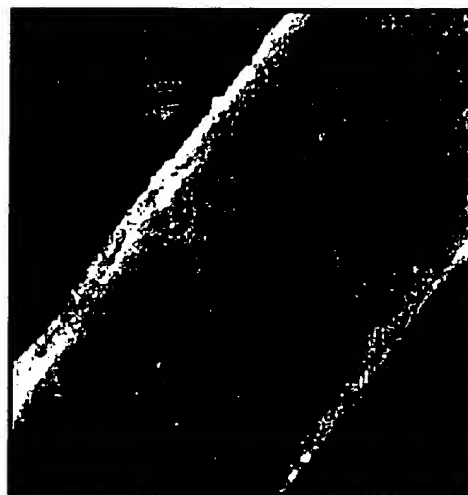
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**FIG. 20E**



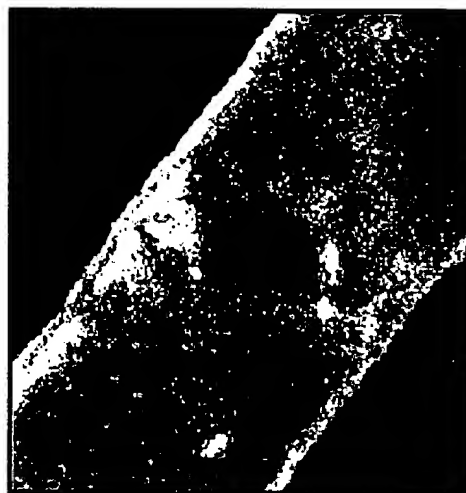
**FIG. 20F**



**FIG. 20G**



**FIG. 20H**



**FIG. 21A**



**FIG. 21B**



**FIG. 21C**



**FIG. 21D**



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**FIG. 21E**



**FIG. 21F**



**FIG. 21G**

